

Environmental Protection Agency

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(y) *PSNS* means pretreatment standards for new sources, under section 307(c) of the Act.

(z) The production normalizing mass (/kkg) for each core or ancillary operation is the mass (off-kkg or off-lb) processed through that operation.

(aa) The term *off-kilogram (off-pound)* shall mean the mass of aluminum or aluminum alloy removed from a forming or ancillary operation at the end of a process cycle for transfer to a different machine or process.

[48 FR 49149, Oct. 24, 1983; 49 FR 11631, Mar. 27, 1984, as amended at 53 FR 52369, Dec. 27, 1988]

§ 467.03 Monitoring and reporting requirements.

The following special monitoring and reporting requirements apply to all facilities controlled by this regulation.

(a) Periodic analyses for cyanide as may be required under part 122 or 403 of this chapter are not required when both of the following conditions are met:

(1) The first wastewater sample of each calendar year has been analyzed and found to contain less than 0.07 mg/l cyanide.

(2) The owner or operator of the aluminum forming plant certifies in writing to the POTW authority or permit issuing authority that cyanide is not and will not be used in the aluminum forming process.

(b) As an alternative monitoring procedure for pretreatment, the POTW user may measure and limit oil and grease to the levels shown in pretreatment standards in lieu of measuring and regulating total toxic organics (TTO).

(c) The "monthly average" regulatory values shall be the basis for the monthly average discharge limits in direct discharge permits and for pretreatment standards. Compliance with the monthly discharge limit is required regardless of the number of samples analyzed and averaged.

(Information collection requirements in paragraph (a) were approved by the Office of Management and Budget under control number 2040-0033)

[48 FR 49149, Oct. 24, 1983; 49 FR 11631, Mar. 27, 1984, as amended at 50 FR 4515, Jan. 31, 1985]

§ 467.04 Compliance date for PSES.

The compliance date for Pretreatment Standards for Existing Sources (PSES) is October 24, 1986.

[48 FR 49149, Oct. 24, 1983; 49 FR 11631, Mar. 27, 1984]

§ 467.05 Removal allowances for pretreatment standards.

Removal allowances pursuant to 40 CFR 403.7(a) may be granted for the toxic metals limited in 40 CFR part 467 when used as indicator pollutants.

[49 FR 11631, Mar. 27, 1984]

Subpart A—Rolling With Neat Oils Subcategory

§ 467.10 Applicability; description of the rolling with neat oils subcategory.

This subpart applies to discharges of pollutants to waters of the United States, and introductions of pollutants into publicly owned treatment works from the core and the ancillary operations of the rolling with neat oils subcategory.

§ 467.11 Specialized definitions.

For the purpose of this subpart:

(a) The "core" of the rolling with neat oils subcategory shall include rolling using neat oils, roll grinding, sawing, annealing, stationary casting, homogenizing artificial aging, degreasing, and stamping.

(b) The term "ancillary operation" shall mean any operation not previously included in the core, performed on-site, following or preceding the rolling operation. The ancillary operations shall include continuous rod casting, continuous sheet casting, solution heat treatment, cleaning or etching.

§ 467.12 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations for the core operation and for the ancillary operations representing the degree of effluent reduction attainable

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by the application of the best practicable control technology currently available:

SUBPART A***Core With an Annealing Furnace Scrubber***

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with neat oils	
Chromium	0.0360	0.0147
Cyanide	0.0237	0.0098
Zinc	0.119	0.0498
Aluminum	0.525	0.257
Oil and grease	1.634	0.980
Suspended solids	3.348	1.593
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

SUBPART A***Core Without an Annealing Furnace Scrubber***

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with neat oils	
Chromium	0.0244	0.010
Cyanide	0.0161	0.0067
Zinc	0.0808	0.0338
Aluminum	0.356	0.174
Oil and grease	1.11	0.664
Suspended solids	2.27	1.079
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

SUBPART A***Continuous Sheet Casting Spent Lubricant***

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum sheet cast by continuous methods	
Chromium	0.00086	0.00035
Cyanide	0.00057	0.00024
Zinc	0.0029	0.0012
Aluminum	0.0127	0.0063
Oil and grease	0.0393	0.0236
Suspended solids	0.0805	0.0383
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

40 CFR Ch. I (7–1–00 Edition)**SUBPART A*****Solution Heat Treatment Contact Cooling Water***

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum quenched	
Chromium	3.39	1.39
Cyanide	2.24	0.93
Zinc	11.25	4.70
Aluminum	49.55	24.66
Oil and grease	154.10	92.46
Suspended solids	315.91	150.25
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

SUBPART A***Cleaning or Etching Bath***

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium	0.079	0.032
Cyanide	0.052	0.022
Zinc	0.262	0.110
Aluminum	1.15	0.573
Oil and grease	3.58	2.15
Suspended solids	7.34	3.49
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

SUBPART A***Cleaning or Etching Rinse***

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium	6.12	2.51
Cyanide	4.04	1.67
Zinc	20.31	8.49
Aluminum	89.46	44.52
Oil and grease	278.24	166.95
Suspended solids	570.39	271.29
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

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SUBPART A

Cleaning or Etching Scrubber Liquor

Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium	7.00	2.86
Cyanide	4.61	1.91
Zinc	23.22	9.70
Aluminum	102.24	50.88
Oil and grease	318.00	190.80
Suspended solids	651.90	310.05
pH	(¹)	(¹)

¹ Within the range of 7.0 to 10 at all times.

[48 FR 49149, Oct. 24, 1983; 49 FR 11631 and 11632, Mar. 27, 1984]

§ 467.13 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable. The mass of pollutants in the core and ancillary operations' process wastewater shall not exceed the following values:

SUBPART A

Core With an Annealing Furnace Scrubber

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with neat oils	
Chromium	0.036	0.015
Cyanide	0.024	0.0098
Zinc	0.119	0.050
Aluminum	0.525	0.257

SUBPART A

Core Without an Annealing Furnace Scrubber

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum rolled with neat oils	
Chromium	0.025	0.010
Cyanide	0.016	0.0067
Zinc	0.081	0.034
Aluminum	0.356	0.174

SUBPART A

Continuous Sheet Casting Spent Lubricant

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum sheet cast	
Chromium	0.00086	0.00035
Cyanide	0.00057	0.00024
Zinc	0.00287	0.0012
Aluminum	0.0127	0.0062

SUBPART A

Solution Heat Treatment Contact Cooling Water

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum quenched	
Chromium	0.897	0.367
Cyanide	0.591	0.245
Zinc	2.974	1.243
Aluminum	13.10	6.518

SUBPART A

Cleaning or Etching Bath

Pollutant or pollutant property	BAT effluent limitations	
	Maximum for any 1 day	Maximum for monthly average
	mg/off-kg (lb/million off-lbs) of aluminum cleaned or etched	
Chromium	0.079	0.032
Cyanide	0.052	0.022
Zinc	0.262	0.109
Aluminum	1.151	0.573